Mover Halo Beam QUAD MKII

CKU-5038

USER MANUAL

Introduction

Thank you for purchasing the ColorKey Mover Halo Beam QUAD MKII. Please read these instructions carefully before use. Operating this fixture according to these instructions is important to avoid any possible damage or accidents caused by misuse.

Packing list

- 1x Mover Halo Beam QUAD MKII moving head fixture
- 1x Bracket
- 1x Power cord
- User Manual

Safety

**Caution!** Opening this unit voids warranty. Contact ColorKey for any service requests.
Warning! To avoid electrical shock, be sure to disconnect power before any service or when moving or setting up the fixture.
Caution! Avoid direct eye exposure with the fixture when on.

- This fixture is for indoor use only.
- This fixture must be installed a minimum distance of 5 meters (16'4") away from any lighted objects.
- Do not install or operate this fixture near flammable materials.
- This device must be installed, operated, and maintained by a qualified professional.
- Do not touch the fixture with bare hands during operation as the surface temperature of the fixture can exceed 60°C (140°F). Turn off power and wait 15 minutes for the fixture to cool before attempting to touch it.
- Please check if the voltage is in accordance with the rated power before installing.
- Do not operate this fixture if the power cord has been damaged. Turn off fixture and replace with a power cord of similar rating.

Display Operation
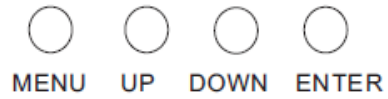
- ➢ MENU: Access the menu/Scroll through menu options

- ➢ ENTER: Open/Select the current menu option

- ➢ UP: Scroll through menu selection or parameter increase

- ➢ DOWN: Scroll through menu selection or parameters decrease

Menu Guide

Menu Guide		
Addr	A001-A512	DMX512 address
CHnd	16CH	16channel setting
	14CH	14channel setting
SLnd	Auto	Auto mode(master)
	Soun	Sound mode(master)
	SL 1	console mode
	SL 2	slave mode
ID	ID00-ID15	ID setting
SHnd	SH 0	effect 0 (recommended)
	SH 1	effect1
	SH 2	effect2
	SH 3	effect3
SEnS	0-99	Sensitivity adjustment
bLAnd	bLAc	0(no DMX signal)
	Auto	Auto mode(no DMX signal)
	Soun	Sound mode(no DMX signal)
	HoLd	stays on the latest console scene(no DMX signal)
LEd	OFF	Display turns off after 5 seconds
	ON	Display stays on
dISP	no	Display Up
	YES	Display Down
rPAN	no	Forward rotation (PAN)
	YES	Backward rotation (PAN)
rTiL	no	Forward rotation (TILT)
	YES	Backward rotation (TILT)
REST	YES	System reset

DMX Values

16 Channel Mode

Channel	Value	Function
1	0-255	Pan (Coarse)
2	0-255	Pan (Fine)
3	0-255	Tilt (Coarse)
4	0-255	Tilt (Fine)
5	0-255	Rotation Speed
6	0-255	Dimmer
7	0-255	Strobe
8	0-255	Red dimming
9	0-255	Green dimming
10	0-255	Blue dimming
11	0-255	White dimming
12	0-255	Color chase
13	0-255	Ring Color / Chasing Effect
14	0-255	Auto (motor: Pan/Tilt)
15	0-255	Chase speed
16	250-255	Reset (5seconds)

14 Channel Mode

Channel	Value	Function
1	0-255	Pan (Coarse)
2	0-255	Tilt (Coarse)
3	0-255	Rotation Speed
4	0-255	Dimmer
5	0-255	Strobe
6	0-255	Red dimming
7	0-255	Green dimming
8	0-255	Blue dimming
9	0-255	White dimming
10	0-255	Color chase
11	0-255	Ring Color / Chasing Effect
12	0-255	Auto (motor: Pan/Tilt)
13	0-255	Chase speed
14	250-255	Function

DMX Connections

➢ DMX Cable :

This fixture can be controlled via DMX using a 3-pin XLR connection. The standard DMX connection is XLR is: one end connects to the male plug, and the other connects to the female. As below: pin 1: ground, pin 2: negative signal, pin 3: positive signal
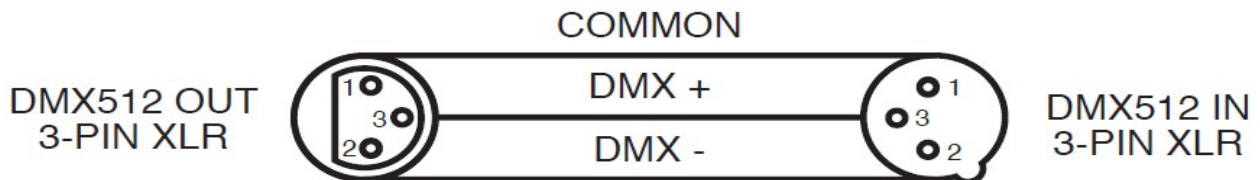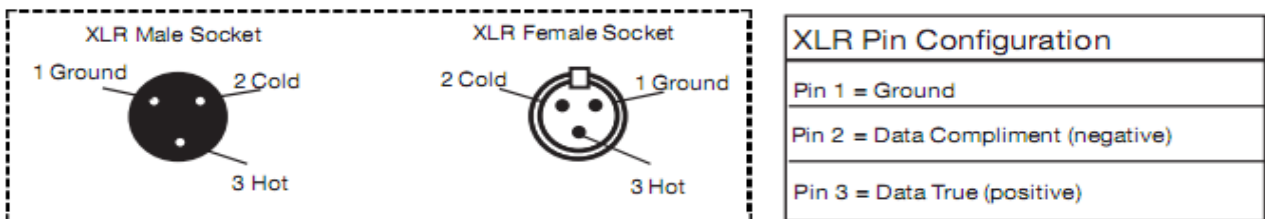
Noted：In order to avoid failures and interference signal transmission，we connect a resistance120Ω（1/4W）at the end of the DMX connecting as below:

Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal, (Resistance 120 Ohm 1/4 W) between PIN 2 (DMX-) and PIN 3 (DMX +) of the last fixture.

➢ The Conversion between 3 pin and 5 pin XLR

If the output cable of DMX512 controller is the 5PIN, please use 1pc 5PIN to 3PIN cable

3-Pin XLR to 5-Pin XLR Conversion		
Conductor	3-Pin XLR Female (Out)	5-Pin XLR Male (In)
Ground/Shield	Pin 1	Pin 1
Data Compliment (- signal)	Pin 2	Pin 2
Data True (+ signal)	Pin 3	Pin 3
Not Used		Do Not Use
Not Used		Do Not Use

Master/Slave Mode Operation

Master/Slave

Master/Slave mode allows you to connect multiple units together using one (1) unit to control others in a chain. When a fixture is set to 'Master Mode,' this unit will always act as a controlling unit until it is switched out of 'Master Mode'. The Master unit will send out signal via DMX to Slave units which will react in synchronization. When a fixture is set into 'Slave Mode', this fixture will receive the Master signal. To avoid master signal and DMX signal interference, do not connect DMX when using Master/Slave mode. If using a DMX run longer than 60 meters and/or over 32 units, a signal amplifier may be required.

Please note that Mover Halo Beam QUAD MKII will only work with other Mover Halo Beam QUAD MKII models and not the first generation model.

Troubleshooting

Problem	Solutions
No DMX control	◆ Make sure that the DMX cable is properly connected ◆ Make sure that the DMX controller is operational ◆ Check the DMX cable for tears or breaks ◆ Make sure that the fixture is in DMX mode
Fixture does not respond to sound	◆ Make sure that the fixture is in Sound Active mode.

Technical Information

Beam: 40W RGBW 4-in-1 LED

Ring: 12x 5050 RGB 3-in-1 SMD LEDs

Independent DMX control of beam and ring effects

Beam angle: 8˚

Built-in auto/sound active programs

Digital dimmer and strobe

Pan: 540°

Tilt: 270°

Pan/tilt invert

16/30 channel DMX modes

Power consumption: 70W

Working Environment: Indoor, -4˚F to 104˚F (-20℃ to 40℃)

IP Grade: IP20

Power Supply: AC 100-240V/50-60Hz

3-pin DMX connections

IEC power connection

Size: 11.4"x8.25"x8.25" (29x21x21 cm)

Weight: 6.6 Lbs. (3kg)

Notice to consumer: ColorKey offers a 2-year limited warranty. Please visit our website at www.ColorKeyLED.com to register your product.

Please note: We recommend that you check our website periodically for updates to user manuals and specifications at www.ColorKeyLED.com or you may contact us directly at info@colorkeyled.com.